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United States Patent [19]

[11] Patent Number: **Des. 323,450**

Shimizu

[45] Date of Patent: **** Jan. 28, 1992**

[54] **KNIVE SHARPENER**

D. 309,415 7/1990 Shimizu D8/93
D. 315,663 3/1991 Dolbosco D8/93

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[**] Term: **14 Years**

[21] Appl. No.: **324,891**

[57] **CLAIM**

[22] Filed: **Mar. 14, 1989**

The ornamental design for a knife sharpener, as shown and described.

[30] **Foreign Application Priority Data**

DESCRIPTION

Sep. 16, 1988 [JP] Japan 63-36496

[52] U.S. Cl. **D8/93**

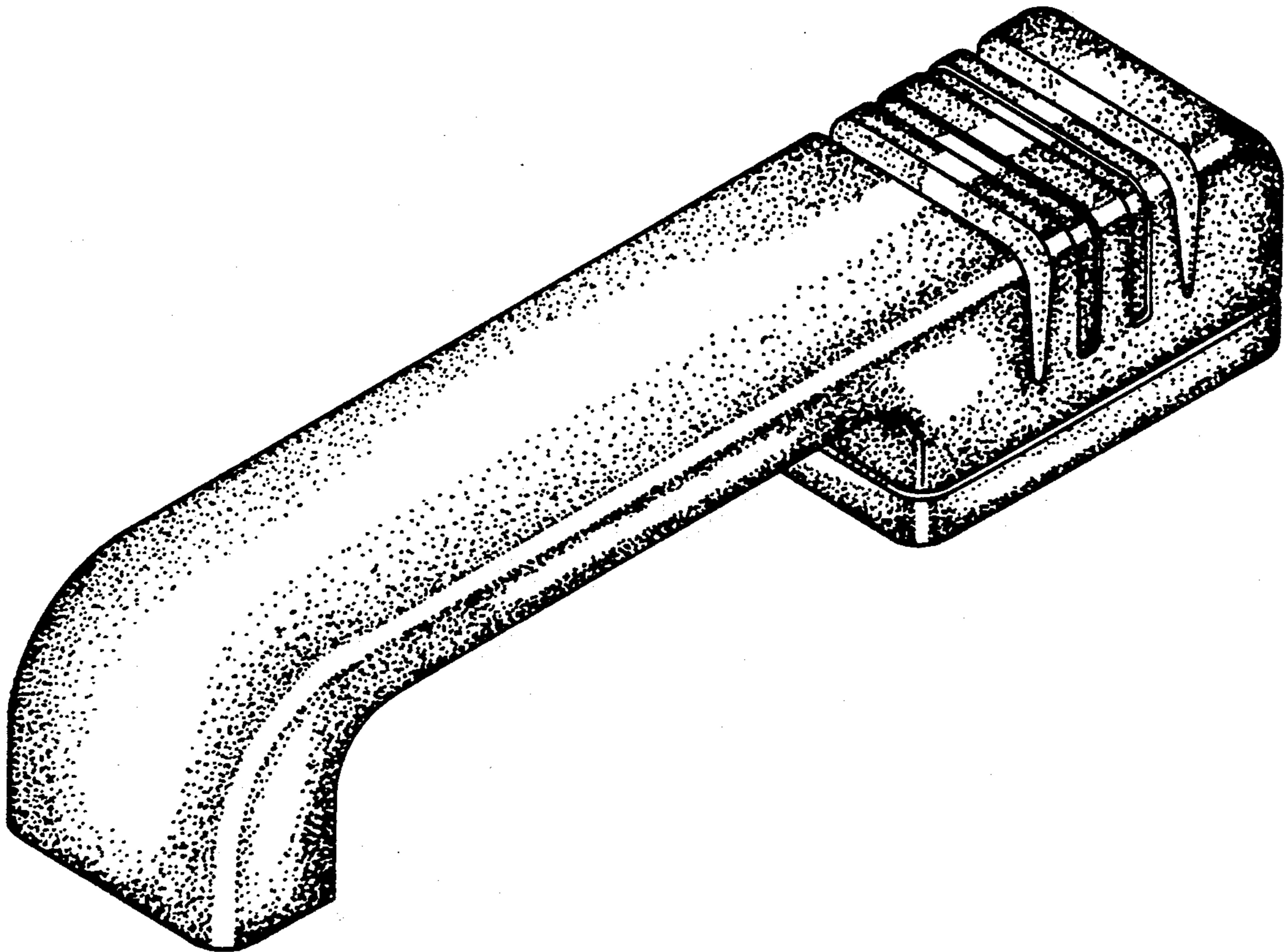
[58] Field of Search D8/91, 92, 93; 51/214,
51/205 WG, 173, 211 R, 211 H; 76/82, 83

FIG. 1 is a top plan view of a knife sharpener showing my new design;
FIG. 2 is a right side elevational view thereof, the left side being the same in appearance as the right side;
FIG. 3 is a rear elevational view thereof;
FIG. 4 is a front elevational view thereof;
FIG. 5 is a bottom plan view thereof;
FIG. 6 is a sectional view thereof taken along line 6—6 of FIG. 2; and
FIG. 7 is a right, top perspective view thereof.

[56] **References Cited**

U.S. PATENT DOCUMENTS

- D. 173,204 10/1954 Hussar D8/93
- D. 276,886 12/1984 Carter D8/91
- D. 299,308 1/1989 Prindle D8/93
- D. 304,414 7/1990 Shimizu D8/93



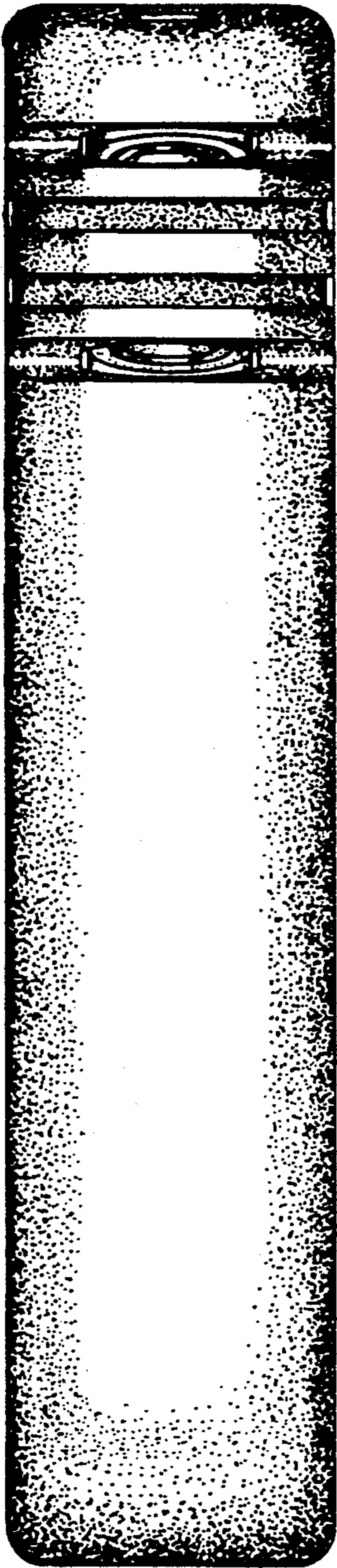
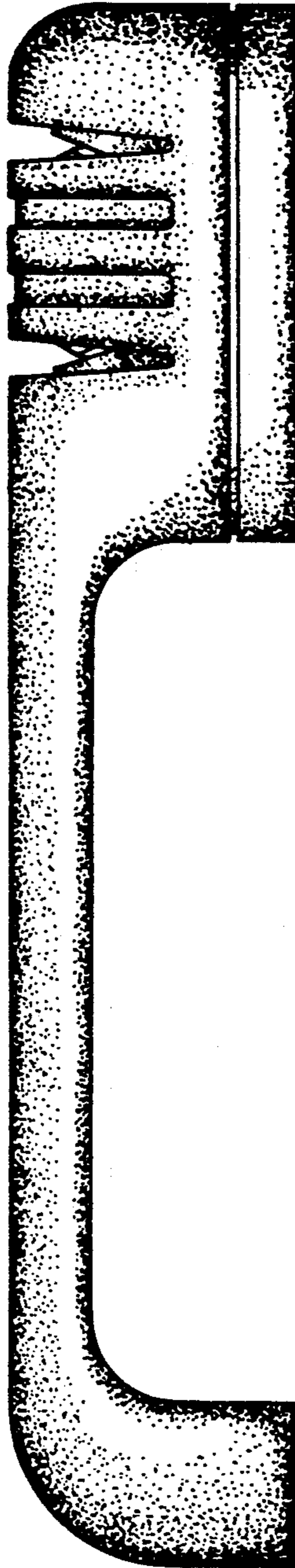


FIG. 1

6 ↙



6 ↙

FIG. 2

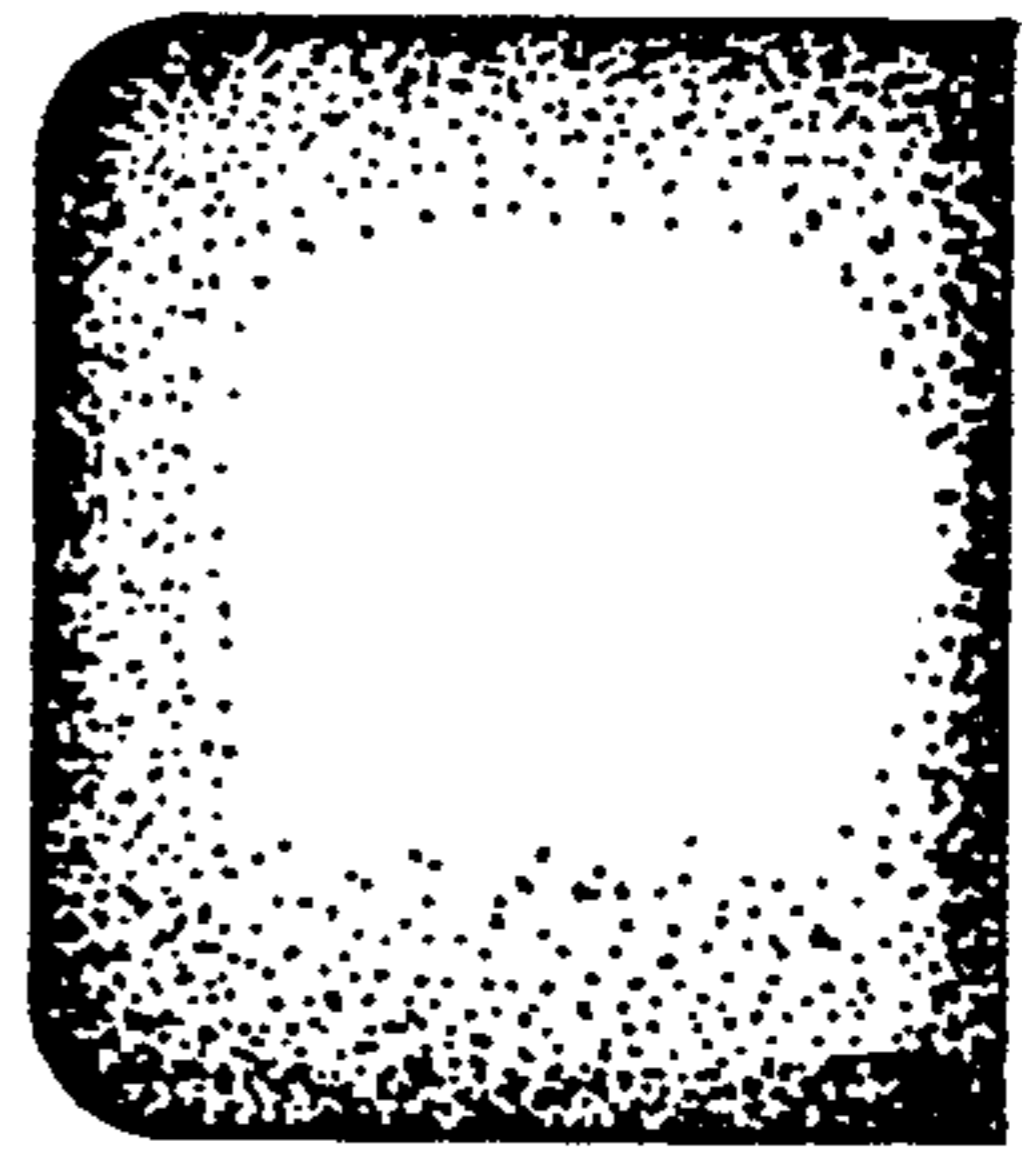


FIG. 3

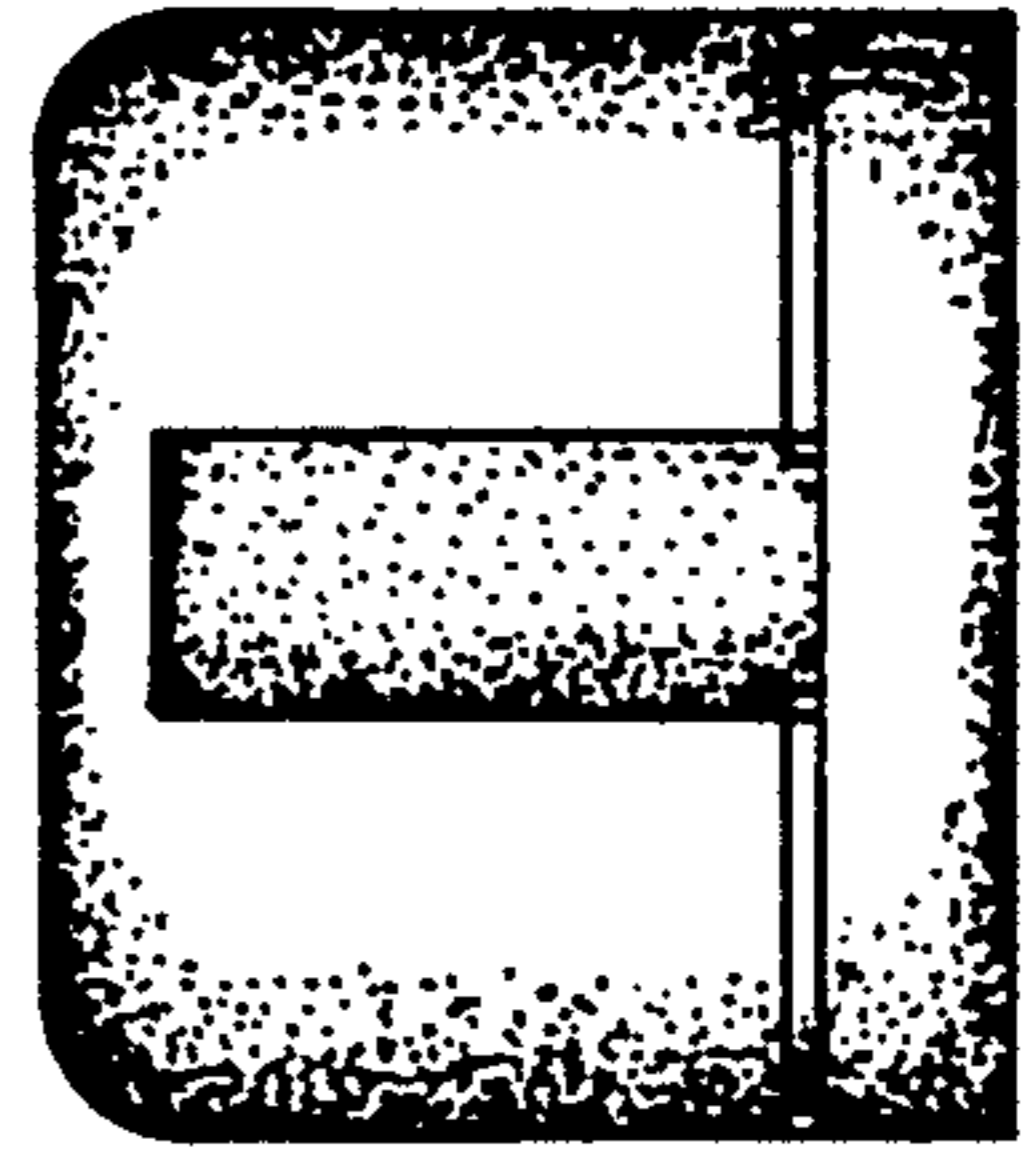


FIG. 4

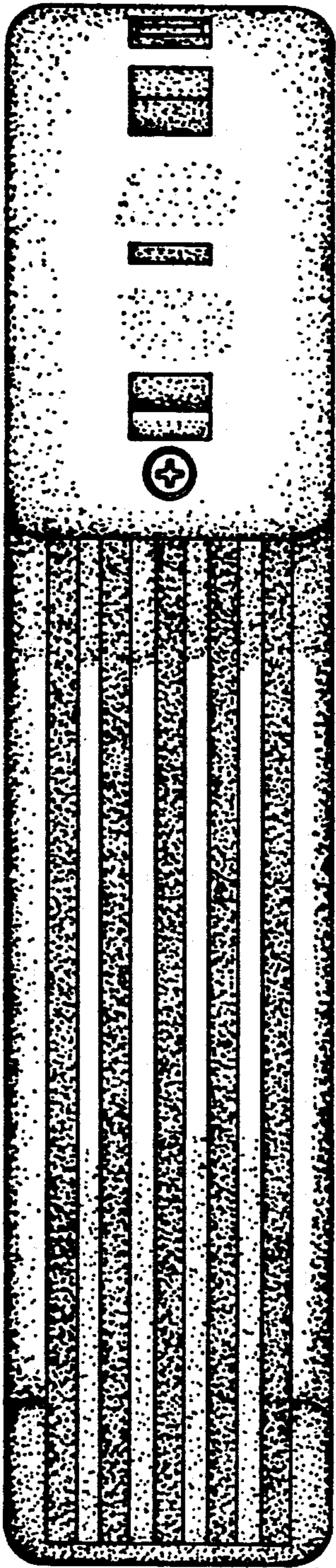


FIG. 5

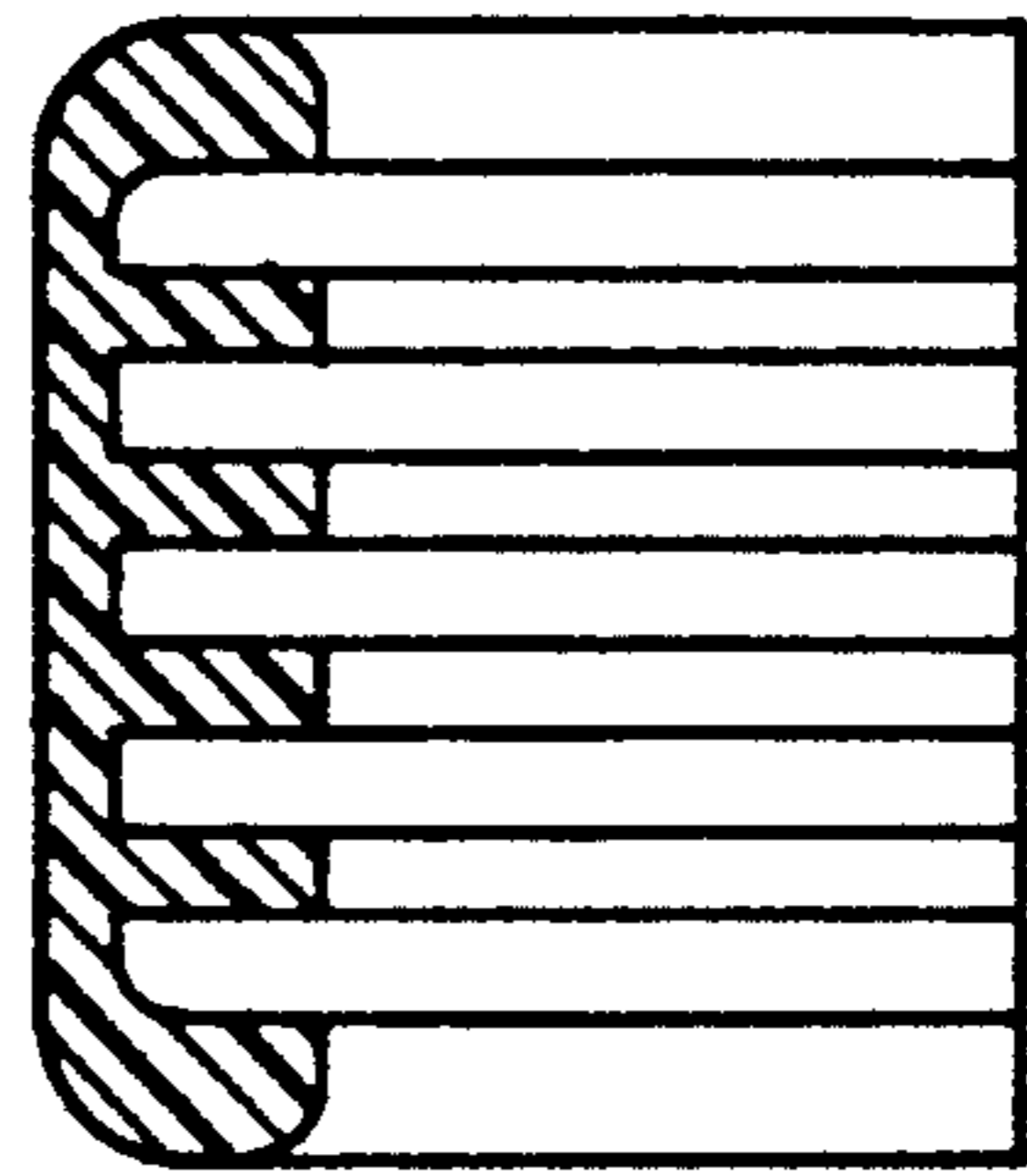


FIG. 6

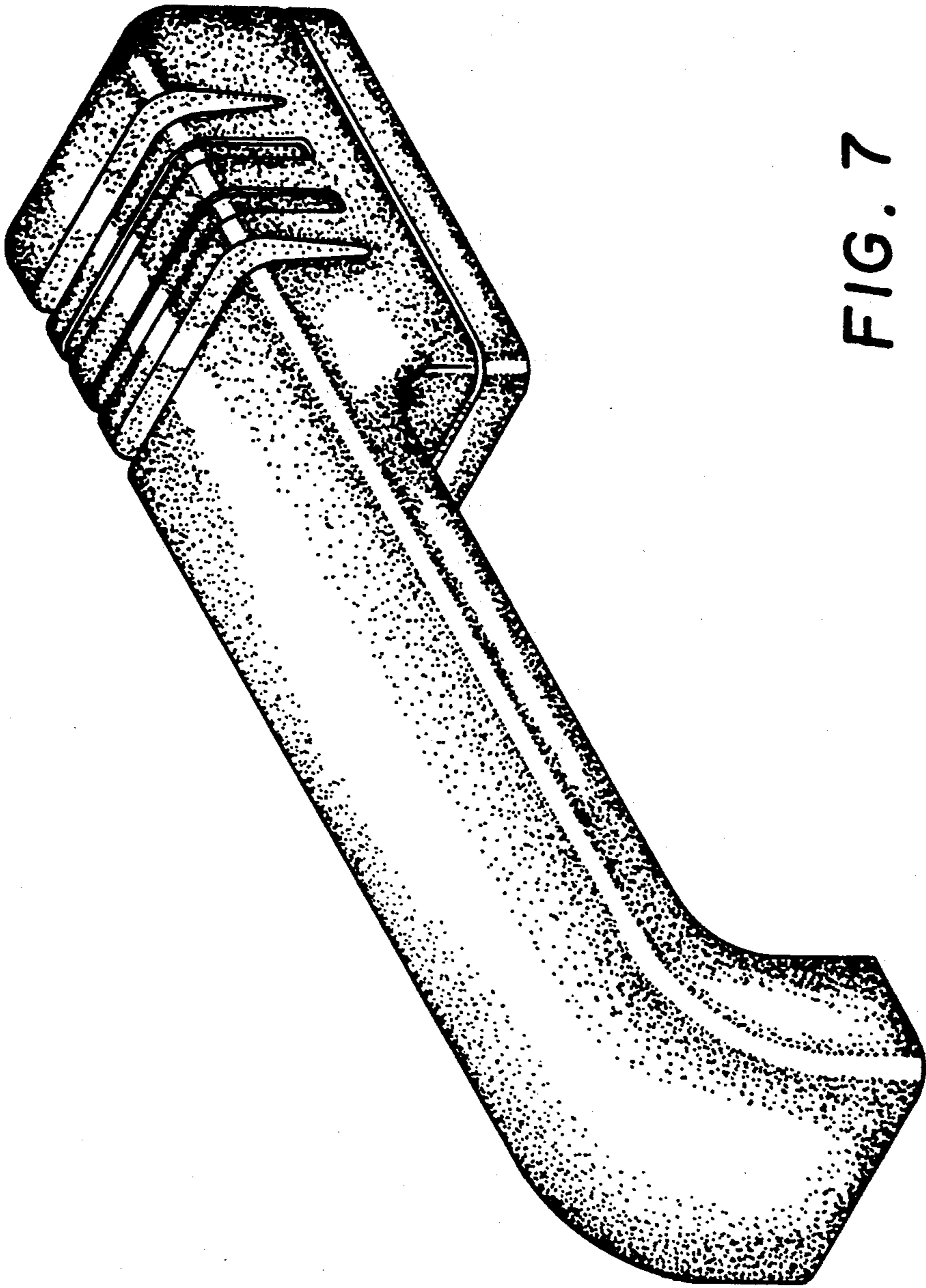


FIG. 7